

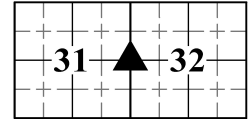
# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N4W\_X05

## Quarter Corner

Sections 31 & 32 – T06N – R04W, 2nd P.M.

Taylor Township, Greene County, Indiana



### PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS#21100022" set 20" deep.

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location.

The corner is in a field of row crops approximately 320 feet south of the house at 2884 E Scotland Road.

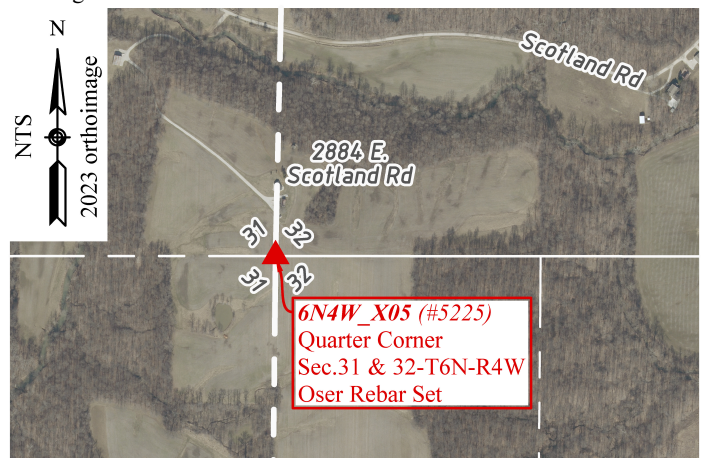
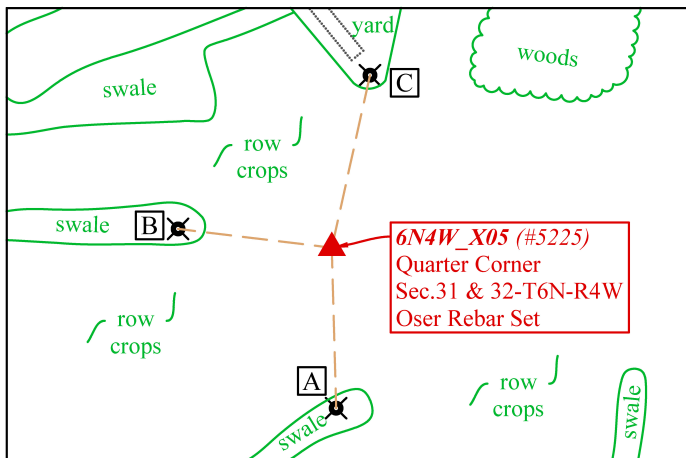
**GEODETIC COORDINATES:** Northing: 1334347.06, Easting: 3008631.17

**WITNESS MONUMENT TIES:** Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 1°31'12" E	159.09'	Rebarlite set 1" deep in grass swale
B	N 83°01'30" W	153.98'	Rebarlite set 1" deep in grass swale
C	N 12°28'59" E	175.23'	Rebarlite set 1" deep in side yard of house at 2884 E Scotland Road

Notes: Rebarlites consist of a 1/5" x 1" neodymium magnet and a 1/4" x 1-1/2" mag nail installed in an orange 5/8" x 18" polycarbonate casing.

**MONUMENT LOCATION SKETCH:** Attach a sketch and aerial image.



### CORNER REPORT

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument.

Greene County Surveyor Francis M. Parker set a stone at this corner in 1885 based on an original bearing tree. The corner is in row crops and is surrounded by land that has been under common ownership for over 50 years. No trace was found of the stone or its accessory.

In 2000, Marty James calculated this corner at the midpoint between the Northwest corner of Section 32 (V05) and the Southwest corner of Section 32 (Z05). At that time, the stones at V05 and Z05 had not been recovered. The calculated midpoint used by James is 14.1 feet south and 2 feet west of the midpoint between the stones at V05 and Z05. In 2003, Darren Helms utilized the same method as James to calculate Z05, but recovered the stone at V05. Helms held a new calculated midpoint for the quarter corner that is 18.4 feet south and 1.6 feet west of the midpoint between the stones at V05 and Z05. In 2011, Marty James recovered the stone at Z05 as shown on his Retracement Boundary Survey for NSA Crane recorded in Martin County as Instrument Number 201200174. The stone at Z05 is approximately 37 feet south and 3.6 feet west of the calculated position previously used by James and Helms.

In 2012, Matthew Badger located the stones at V05 and Z05, as well as the Sturgeon rebar at the N 1/16 corner common to Sections 31 and 32 (W05). Badger calculated the quarter corner (X05) by doubling-down the bearing and

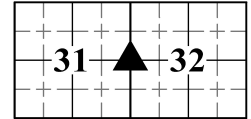
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distance from the stone at V05 through the Sturgeon rebar at W05. This resulted in a position that was 29.9 feet east and 6.5 feet north of the midpoint between the stones at V05 and Z05. The method of doubling-down through a sixteenth corner is often utilized as a way to accept a sixteenth corner while placing the bearing break at the quarter corner. We would be more inclined to use that method if the monument at the sixteenth corner also originated from an 1800s legal survey. Badger set a rebar at X05 that was not found this survey. It falls in row crops, so we presume it was destroyed by farming activity. We considered replacing Badger's monument, but ultimately decided that the midpoint between the stones is the more likely location of the original corner. And since Sturgeon was the first surveyor to monument the sixteenth corner (W05), we have no reservations about placing a bearing break at his monument. We set a rebar at the midpoint between the stones at V05 and Z05.

**EXISTING SURVEY HISTORY:** Include as much detail and history of the corner as known at the time of perpetuation.

### ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1816 By: Arthur Henrie

Where filed or recorded: F\_EV03P416

Original monument: Wooden Post

Bearing Trees:	Bearing	Distance
18" B.Oak	N 64 W	14 lks = 9.24 ft
10" Hickory	S 48 W	13 lks = 8.58 ft

*No original reference monuments were recovered.*

### SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/24/1885 By: Francis M. Parker

Where filed or recorded: Survey Record 4, page 52

Monument: Set stone

Bearing Trees:	Bearing	Distance
One original standing		

*No legal survey reference monuments were recovered.*

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
8/01/2000	James, Marty	Survey for Land of Indiana in Sections 32 and 33	2000-5883
1/14/2003	Helms, Darren	Jones survey of 4 tracts in Sections 32 and 33	2003-0433
8/31/2012	Badger, Matthew	Ed Walker Site Retracement Survey in Sec. 31-6-4 and 6-5-4	2013-0247

### UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the stone set in 1885, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: Up to 18.4 feet north/south and 29.9 feet east/west.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

### PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar set at X05



Photo Orientation & Description: Looking north at X05

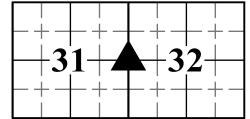
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### FIELD PERSONNEL:

Field Date: 4/1/2025 & 5/28/2025 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10275  
Corner Perpetuation Survey for Taylor Township Sections 29, 30, 31 & 32, Township 6 North, Range 4 West

**BASIS OF GEODETIC COORDINATES:** The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b\_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from RTPK or RTK GNSS observations. Distances have not been adjusted to ground.

### CERTIFICATION:

Rachel Oser  
Indiana Professional Surveyor 21100022  
Oser Surveying & Mapping LLC  
4632 E Rocky Road, Bloomfield, IN 47424  
(812) 320-2694 • Rachel@OserSurveying.com



This document is not complete without the associated plat and report of even date.

Date: 06/30/2025